

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	331	scrambler with (exclusive adj "or" "XOR")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 20:02
L4	7	("4974184"   "5090035"   "5258936"   "5331581"   "5631962"   "5638309"   "5867409").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/17 19:54
L5	114	scrambler with (exclusive adj "or" "XOR") with register	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 20:02
L6	59	scrambler with (exclusive adj "or" "XOR") with register	USPAT	OR	ON	2007/10/17 20:03
L7	123	scrambler.ti.	USPAT	OR	ON	2007/10/17 20:08
L8	0	"15-bit adj register"	USPAT	OR	ON	2007/10/17 20:08
L9	100	"15-bit" adj register	USPAT	OR	ON	2007/10/17 20:08
L10	17	"15-bit" adj register and random adj3 generat\$	USPAT	OR	ON	2007/10/17 20:10
L11	1	"5661707".pn. and (generat\$ register shift\$ random\$ exclusive "xor")	USPAT	OR	ON	2007/10/17 20:12
L12	1	"5661707".pn. and (generat\$ register shift\$ random\$ exclusive "xor" bit)	USPAT	OR	ON	2007/10/17 20:15
L13	147	("6067121" "5023612" "5790058" "5835529" "6028886" "6211805" "6211805" "3886313" "3809817" "4013837" "4020285" "4790009" "5606317" "5668879" "5710754" "5881047" "5898394" "5920625" "5966377" "6005477" "6226302" "6226302" "6269129" "6314097" "6327262" "6414983" "6415005" "6765506" "6873278" "6917321" "6959152" "7031614" "7054401" "7076063" "7079572" "7092979" "7106970" "7161972" "7234097" RE39771 "7263121" "7277545" "20010001617" "20010049665" "20020057730" "20030007549" "20030133498" "20030161638" "20030223582" "20040130466" "20040196973" "20040196974" "20040205352" "20040219896" "20040258014" "20050008150" "20050069028" "20050094613" "20050094615" "20050108610" "20050141410" "20050213991" "20050220457" "20050226407" "20060029225" "20060123323" "20060188026" "4434323" "4773092" "4802219" "4852166" "5615340" "5751952" "5790666" "4278840" "4799257" "4807285" "4959863" "5032024" "5278907" "5491563" "6208737" "6321565" "6348884" "6385319" "6400760" "6417952" "6461583" "6867892" "6934387" "6947617" "7024559" "7062043" "7116892" "7199740" "20020037127" "20020061005" "20030152364" "20030210403" "20040042702" "20040178934" "20050078741" "20050172132" "20050185796" "20050232531" "20060013151" "20060152926" "20060204009" "20070081757" "20070110229" "5862160" "4993029" "6218977" "6218977" "4304962" "4400054" "4433425" "4864617" "5191609" "5404142" "5455860" "5499339" "5526502" "5533054" "5608755" "5757909" "5768286" "5774548" "5793871" "5796781" "5812594" "5946355" "5973625" "6124813" "6167551" "3627928" "3624562" "3649915" "3925611" "3920894" "3784743" "4069392" "4091423" "4099027" "4337659" "4352190" "4368357" "4383322" "4454538" "4476566" ).pn.	US-PGPUB; USPAT	OR	ON	2007/10/17 20:16

## EAST Search History

L14	149	("5862160" "4993029" "6218977" "6218977" "4304962" "4400054" "4433425" "4864617" "5023612" "5191609" "5404142" "5455860" "5499339" "5526502" "5533054" "5608755" "5757909" "5768286" "5774548" "5790058" "5793871" "5796781" "5812594" "5946355" "5973625" "6124813" "6167551" "3627928" "3624562" "3649915" "3925611" "3920894" "3886313" "3809817" "3784743" "4013837" "4020285" "4069392" "4091423" "4099027" "4337659" "4352190" "4368357" "4383322" "4454538" "4476566" "4485674" "4502143" "4529308" "4531022" "4550341" "4558358" "4565927" "4573166" "4590519" "4603413" "4604650" "4605961" "4620294" "4771463" "4775984" "4782488" "4783699" "4790009" "4790010" "H000570" "4803680" "4809363" "4811394" "4827509" "4827513" "4870682" "4875021" "4890303" "4903298" "4912760" "4914696" "4922537" "4924516" "4930139" "4937867" "4965766" "4965881" "5003592" "5008934" "5010333" "5014315" "5027372" "5058160" "5054069" "5031129" "5029207" "5177786" "5179592" "5185799" "5212558" "5214694" "5216714" "5222141" "5225772" "5231664" "5231665" "5235645" "5237590" "5237610" "5239581" "5245661" "5258941" "5265160" "5267316" "5270809" "5278906" "5278908" "5282249" "5283831" "5289541" "5293423" "5293633" "5309514" "5317635" "5319709" "5321754" "5323358" "5323462" "5323463" "5333197" "5335275" "5341399" "5341424" "5355409" "5355415" "5357249" "5361301" "5361323" "5369703" "5377265" "5387907" "5392254" "5392354" "5410600" "5412720" "5412724" "5420887" "5426699" "5430707" "5444561" "5448640" "5461310" "5463689" "5467397" ).pn.	US-PGPUB; USPAT	OR	ON	2007/10/17 20:16
L15	250	l13 l14	US-PGPUB; USPAT	OR	ON	2007/10/17 20:16
L16	249	l15 and (generat\$ register shift\$ random\$ exclusive "xor" bit)	US-PGPUB; USPAT	OR	ON	2007/10/17 20:16
L17	15	l15 and (generat\$ same register same shift\$ same random\$ same (exclusive "xor") same bit)	US-PGPUB; USPAT	OR	ON	2007/10/17 20:17
L19	0	"6577647".pn. and scramb\$	US-PGPUB; USPAT	OR	ON	2007/10/17 20:24
L20	1	"6577647".pn. and noise	US-PGPUB; USPAT	OR	ON	2007/10/17 20:29
L21	1	"6577647".pn. and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/17 20:30
L22	1	"6577647".pn. and (exclusive "xor" shift register)	US-PGPUB; USPAT	OR	ON	2007/10/17 20:30
S1	288	380/268.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:24
S2	333	380/239.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:12
S3	428	380/210.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:13
S4	1382	380/28.ccls.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:13
S5	1003	S1 S2 S3	US-PGPUB; USPAT	OR	ON	2007/10/15 06:13
S6	1	"7277545".pn.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:26
S7	23995	scrambler scrambling scramble	US-PGPUB; USPAT	OR	ON	2007/10/15 06:42
S8	708	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo	US-PGPUB; USPAT	OR	ON	2007/10/15 06:28
S9	324	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame	US-PGPUB; USPAT	OR	ON	2007/10/15 06:28
S10	157	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:36
S11	324	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame	US-PGPUB; USPAT	OR	ON	2007/10/15 06:36
S12	280	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame and (ecc error adj correction)	US-PGPUB; USPAT	OR	ON	2007/10/15 06:37
S13	136	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector and frame and (ecc error adj correction) and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:56

## EAST Search History

S14	5	("20020012528"   "5661707"   "6125100"   "6182263"   "6898171").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/15 06:38
S15	3747	(scrambler scrambling scramble).clm.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:42
S16	670	(scrambler scrambling scramble).clm. and random.clm.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:42
S17	137	(scrambler scrambling scramble).clm. and random.clm. and frame.clm.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:42
S18	24	(scrambler scrambling scramble).clm. and random.clm. and frame.clm. and (exclusive "xor").clm.	US-PGPUB; USPAT	OR	ON	2007/10/15 06:43
S19	3	S18 and S13	US-PGPUB; USPAT	OR	ON	2007/10/15 06:43
S20	3	S18 and S11	US-PGPUB; USPAT	OR	ON	2007/10/15 06:43
S21	2	(US-6125100-\$ or US-5661707-\$).did.	USPAT	OR	ON	2007/10/15 06:51
S22	1	(US-6125100-\$ or US-5661707-\$).did. and scramb\$	USPAT	OR	ON	2007/10/15 06:51
S23	116	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame and (ecc error adj correction) and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:56
S24	86	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:56
S25	0	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:56
S26	198622	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (scrambler scrambling scramb\$4) (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:57
S27	65	S7 and (disk disc dvd cd-rom compact) and (random pseudo-random) and servo and sector same frame same (ecc error adj correction) same (scrambler scrambling scramb\$4) and (exclusive "xor")	US-PGPUB; USPAT	OR	ON	2007/10/15 06:57
S28	1	"5901159".pn. and (scramb\$)	US-PGPUB; USPAT	OR	ON	2007/10/15 07:07
S29	1	"5901159".pn. and (scramb\$ random)	US-PGPUB; USPAT	OR	ON	2007/10/15 07:20
S30	1	"5901159".pn. and (scramb\$ adj data)	US-PGPUB; USPAT	OR	ON	2007/10/15 07:16
S31	19	random adj data adj generator same scrambl\$4	US-PGPUB; USPAT	OR	ON	2007/10/15 07:17
S32	19	random adj data adj generator same scrambl\$4	US-PGPUB; USPAT	OR	ON	2007/10/15 07:17
S33	1	"5661707".pn. and (scramb\$ random)	US-PGPUB; USPAT	OR	ON	2007/10/15 07:21
S34	8447	shif\$3 same random same register	US-PGPUB; USPAT	OR	ON	2007/10/15 07:22
S35	0	shif\$3 same random same register same higher-most	US-PGPUB; USPAT	OR	ON	2007/10/15 07:22
S36	248	shif\$3 same random same register same higher	US-PGPUB; USPAT	OR	ON	2007/10/15 07:22
S37	56	shif\$3 same random same register same higher same lower	US-PGPUB; USPAT	OR	ON	2007/10/15 07:24
S38	3	shif\$3 same scrambl\$3 same register same higher same lower	US-PGPUB; USPAT	OR	ON	2007/10/15 07:25
S39	5	("5243303").URPN.	USPAT	OR	ON	2007/10/15 07:25
S40	314	shif\$3 same noise same register same higher same lower	US-PGPUB; USPAT	OR	ON	2007/10/15 07:25
S41	140	shif\$3 same noise same register same higher same lower	USPAT	OR	ON	2007/10/15 07:25
S42	2930	15-bit	US-PGPUB; USPAT	OR	ON	2007/10/17 12:39
S43	33	15-bit with serial with register	US-PGPUB; USPAT	OR	ON	2007/10/17 12:39

## EAST Search History

S44	20	15-bit with serial with register and random	US-PGPUB; USPAT	OR	ON	2007/10/17 12:39
S45	2	15-bit with serial with register same random	US-PGPUB; USPAT	OR	ON	2007/10/17 12:40
S46	1572	serial with register same random	US-PGPUB; USPAT	OR	ON	2007/10/17 12:40
S47	130	serial adj register same random	US-PGPUB; USPAT	OR	ON	2007/10/17 12:40
S48	91	serial adj register same random and clock and shift\$5	US-PGPUB; USPAT	OR	ON	2007/10/17 15:54
S49	33	Wijesekera.in.	US-PGPUB; USPAT	OR	ON	2007/10/17 15:54
S50	1	Wijesekera.in. and duminda.in.	US-PGPUB; USPAT	OR	ON	2007/10/17 15:54
S51	2	kozelsky.in.	US-PGPUB; USPAT	OR	ON	2007/10/17 16:07
S52	46	random adj2 generator and serial adj register	US-PGPUB; USPAT	OR	ON	2007/10/17 16:07
S53	1925	random adj2 generator and register same shift\$4 same clock\$	US-PGPUB; USPAT	OR	ON	2007/10/17 16:08
S54	1185	random adj2 generator and register same shift\$4 same clock\$ and (exclusive adj "or" "xor" "exor")	US-PGPUB; USPAT	OR	ON	2007/10/17 16:08
S55	400	random adj2 generator and register same shift\$4 same clock\$ and (exclusive adj "or" "xor" "exor") and (scrambler scrambling scramble)	US-PGPUB; USPAT	OR	ON	2007/10/17 16:09
S56	117	random adj2 generator and register same shift\$4 same clock\$ same (exclusive adj "or" "xor" "exor") and (scrambler scrambling scramble)	US-PGPUB; USPAT	OR	ON	2007/10/17 16:25
S57	2930	"15-bit"	US-PGPUB; USPAT	OR	ON	2007/10/17 16:25
S58	1508	"15-bit" and random	US-PGPUB; USPAT	OR	ON	2007/10/17 16:25
S59	234	"15-bit" and random with generator	US-PGPUB; USPAT	OR	ON	2007/10/17 16:25
S60	202	"15-bit" and random with generator and shift	US-PGPUB; USPAT	OR	ON	2007/10/17 16:25
S61	86	"15-bit" and random with generator and shift and (exclusive adj "or" "xor")	US-PGPUB; USPAT	OR	ON	2007/10/17 16:31
S62	943	random with generator.clm. and shift.clm.	US-PGPUB; USPAT	OR	ON	2007/10/17 17:05
S63	494	random with generator.clm. and shift.clm. and bit.clm.	US-PGPUB; USPAT	OR	ON	2007/10/17 16:31
S64	110	random with generator.clm. and shift.clm. and bit.clm. and exclusive.clm.	US-PGPUB; USPAT	OR	ON	2007/10/17 16:31
S65	99	random with generator.clm. and shift.clm. and bit.clm. and exclusive.clm. and register.clm.	US-PGPUB; USPAT	OR	ON	2007/10/17 16:32
S66	23	random with generator.clm. and shift.clm. and bit.clm. and exclusive.clm. and register.clm. and (scramble scrambler scrambling)	US-PGPUB; USPAT	OR	ON	2007/10/17 16:32
S67	631	lower adj register	US-PGPUB; USPAT	OR	ON	2007/10/17 16:57
S68	43	lower adj register and higher adj register	US-PGPUB; USPAT	OR	ON	2007/10/17 16:57
S69	18	lower adj register and higher adj register and shift	US-PGPUB; USPAT	OR	ON	2007/10/17 16:59
S70	417	left-shifting	US-PGPUB; USPAT	OR	ON	2007/10/17 16:59
S71	75	left-shifting and "xor"	US-PGPUB; USPAT	OR	ON	2007/10/17 16:59
S72	65	left-shifting and "xor" and register	US-PGPUB; USPAT	OR	ON	2007/10/17 16:59
S73	39	left-shifting and "xor" and register and random	US-PGPUB; USPAT	OR	ON	2007/10/17 16:59

## EAST Search History

S74	5	("20020012528"   "5661707"   "6125100"   "6182263"   "6898171").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/10/17 17:03
S75	0	random near generator near bit near (shift shifting)	US-PGPUB; USPAT	OR	ON	2007/10/17 17:05
S76	0	random\$3 near generat\$4 near bit near (shift shifting)	US-PGPUB; USPAT	OR	ON	2007/10/17 17:06
S77	1079	random\$3 with generat\$4 with bit with (shift shifting)	US-PGPUB; USPAT	OR	ON	2007/10/17 17:06
S78	718014	random\$3 neargenerat\$4 with bit with (shift shifting)	US-PGPUB; USPAT	OR	ON	2007/10/17 17:06
S79	214	random\$3 near generat\$4 with bit with (shift shifting)	US-PGPUB; USPAT	OR	ON	2007/10/17 17:06
S80	130	random\$3 near generat\$4 with bit with (shift shifting)	USPAT	OR	ON	2007/10/17 17:09
S81	59	noise near generat\$4 with bit with (shift shifting)	USPAT	OR	ON	2007/10/17 17:12
S82	294	"15-bit" adj2 register	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:12
S83	196	"15-bit" adj2 register and generato\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:13
S84	286	"15-bit" adj2 register and generat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:13
S85	269	"15-bit" adj2 register and generat\$4 and shift\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 17:14
S86	151	"15-bit" adj2 register and generat\$4 and shift\$4 with left\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/17 19:41